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 DICTIONARY FILE UPDATES: 12 JUN 2007 HIGHEST RN 937161-92-7

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

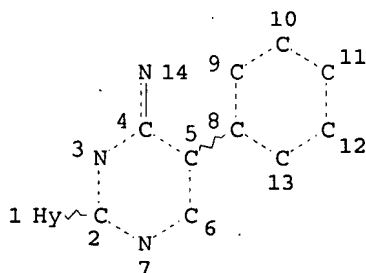
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 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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L11 STR



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NSPEC IS RC AT 14  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS M2-X3 N AT 1

#### GRAPH ATTRIBUTES:

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 NUMBER OF NODES IS 14

#### STEREO ATTRIBUTES: NONE

L13 1071007 SEA FILE=REGISTRY ABB=ON PLU=ON (N2C3 OR N2CNC)/ES  
 L15 170 SEA FILE=REGISTRY SUB=L13 SSS FUL L11

100.0% PROCESSED 609 ITERATIONS  
 SEARCH TIME: 00.00.01

170 ANSWERS

=> b hcap

FILE 'HCAPLUS' ENTERED AT 15:41:04 ON 13 JUN 2007  
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FILE COVERS 1907 - 13 Jun 2007 VOL 146 ISS 25

FILE LAST UPDATED: 12 Jun 2007 (20070612/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d bib abs fhitrstr retatable l19 tot

L19 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:354856 HCAPLUS

DN 146:380000

TI Preparation of substituted 2-hydroxylaminopyrimidines as agricultural fungicides

IN Rheinheimer, Joachim; Grote, Thomas; Mueller, Bernd; Lohmann, Jan Klaas; Grammenos, Wassilios; Huenger, Udo; Schieweck, Frank; Ulmschneider, Sarah; Dietz, Jochen; Renner, Jens; Speakman, John-Bryan; Scherer, Maria; Strathmann, Siegfried; Stierl, Reinhard

PA BASF A.-G., Germany

SO Ger. Offen., 89pp.

CODEN: GWXXBX

DT Patent

LA German

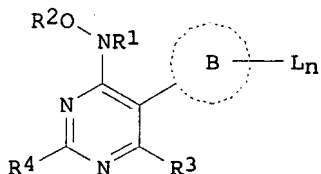
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	WO2007036477	A1	20070405	2006WO-EP66572	20060921
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI DE 2005-102005046592 A 20050928

OS MARPAT 146:380000

GI



AB Title compds. [I; R1, R2 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)cycloalkyl, etc. or R1NOR2 = 5-7 membered (saturated) (substituted) heterocyclyl; R3 = halo, cyano, azido, (substituted) (halo)alkyl, (halo)alkenyl, (halo)alkynyl, etc.; R4 = 5-6 membered (saturated) aromatic (substituted) heterocyclyl containing O, N and S; B = Ph, 5-6 membered heteroaryl containing O, N and S; L = halo, cyano, OCN, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, etc.; n = 1-5], were prepared Thus, 95% NaH in THF was stirred with 1,2,4-triazole for 3 h at room temperature followed by stirring with 4-chloro-2-methylsulfonyl-6-(6-methyltetrahydro-2H-1,2-oxazin-2-yl)-5-(2,4,6-trifluorophenyl)pyrimidine (preparation given) over night at room temperature to give 4-chloro-6-(6-methyltetrahydro-2H-1,2-oxazin-2-yl)-2-(1,2,4-triazol-1-yl)-5-(2,4,6-trifluorophenyl)pyrimidine. The latter as a 250 ppm spray on tomato leaves infected with *Alternaria solani* reduced the infection to 20%, vs. 90% for untreated controls.

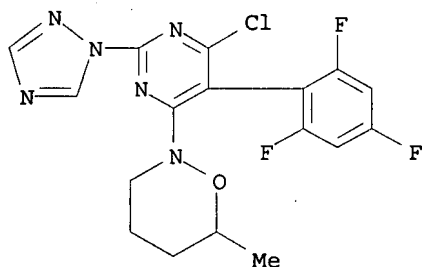
IT 931117-93-0P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted hydroxylaminopyrimidines as agricultural fungicides)

RN 931117-93-0 HCAPLUS

CN 2H-1,2-Oxazine, 2-[6-chloro-2-(1H-1,2,4-triazol-1-yl)-5-(2,4,6-trifluorophenyl)-4-pyrimidinyl]tetrahydro-6-methyl- (CA INDEX NAME)



L19 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:295677 HCAPLUS

DN 144:306895

TI Use of 2-substituted pyrimidines as nematocides

IN Cotter, Henry Van Tuyl; Schmitt, Mark R.

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

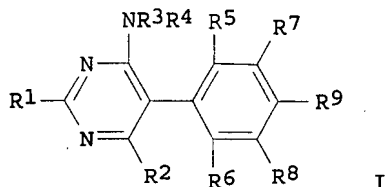
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO2006032526	A1	20060330	2005WO-EP10332	20050923
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI 2004US-612169P P 20040923

OS MARPAT 144:306895  
GI



AB The invention relates to use of 2-substituted pyrimidines I [R1 = halo, OH, cyano, oxo, nitro, amino, etc; R2 = halo, cyano, (halo)alkyl, (halo)alkoxy or alkenyloxy; R3, R4 = H, (halo)alkyl, (halo)cycloalkyl, (halo)alkenyl or (halo)alkynyl; R3NR4 = ring; R5, R6 = H, halo, (halo)alkyl or alkoxy; , R7, R8 = H, halo or (halo)alkyl; R9 = H, halo, (cyclo)alkoxy, etc.] are nematocides used by application to the foliage, shoot, root, or seed of the plants, or to the soil or water in which the nematodes are present.

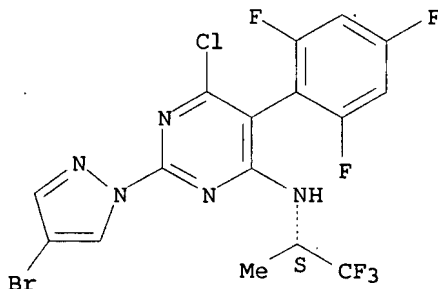
IT 461678-58-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(nematocide)

RN 461678-58-0 HCAPLUS

CN 4-Pyrimidinamine, 2-(4-bromo-1H-pyrazol-1-yl)-6-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



# RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Giencke	1993			US-----5250530 A	HCAPLUS
Grote, T	2002			WO----02074753 A	HCAPLUS

L19 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:1262719 HCAPLUS

DN 144:22937

TI Preparation of 2-substituted pyrimidines and use thereof as pesticides  
IN Schwoegler, Anja; Schieweck, Frank; Rheinheimer, Joachim; Gewehr, Markus;  
Mueller, Bernd; Grote, Thomas; Grammenos, Wassilios; Huenger, Udo;  
Blettner, Carsten; Schaefer, Peter; Wagner, Oliver; Stierl, Reinhard;  
Schoefl, Ulrich; Strathmann, Siegfried; Scherer, Maria

PA Basf Aktiengesellschaft, Germany

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.

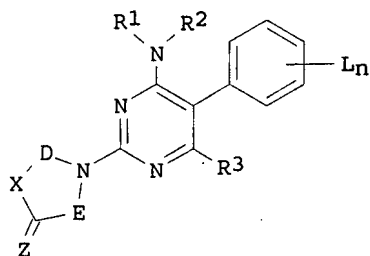
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DATE

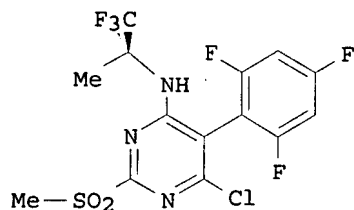
APPLICATION NO.

DATE

PI	WO2005113538	A1	20051201	2005WO-EP05333	20050517
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	CA---2562315	A1	20051201	2005CA-2562315	20050517
	EP---1751132	A1	20070214	2005EP-0741763	20050517
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	CN---1956974	A	20070502	CN 2005-80016205	20050517
	IN2006KN02828	A	20070601	2006IN-KN02828	20060927
PRAI	DE 2004-102004025363	A	20040519		
	2005WO-EP05333	W	20050517		
OS	CASREACT 144:22937; MARPAT 144:22937				
GI					



I



II

AB The invention relates to the 2-substituted pyrimidines I [D = (T)p; E = (Y)o; n = 1 - 5, p = 1 - 4; o = 0, 1; L = halogen, CN, OCN, C1-8-alkyl, C2-8-alkenyl, C2-8-alkynyl, C1-6-alkoxy, C2-8-alkenyloxy, C2-8-alkynyloxy, C3-6-cycloalkyl, C4-6-cycloalkenyl, C3-6-cycloalkoxy, C4-6-cycloalkenyloxy, NO2, C(:O)A, CO2A, C(:O)NAA', CA':NOA, NAA', NA'C(:O)A, NA''C(:O)nAA', SOMA, ASmOA, SOMnAA'; m = 0 - 2; A, A', A''' = H, C1-6-alkyl, C2-6-alkenyl, C2-6-alkynyl, C3-8-cycloalkyl, C3-8-cycloalkenyl, Ph; R1, R2 = C1-6-alkyl, C2-6-alkenyl, C2-6-alkynyl, C3-6-cycloalkyl, C3-6-halocycloalkyl; R2 = H; NR1R2 = (un)saturated 5- or 6-membered ring optionally containing O, C:O, S, SO, SO2, NRa; R3 = halogen,

C1-4-alkyl, C2-4-alkenyl, C2-4-alkynyl, C3-6-cycloalkyl, C1-4-alkoxy, C2-4-alkenyloxy, C2-4-alkynyloxy, C1-4-alkylthio, di(C1-6-alkyl)amino, C1-6-alkylamino, (each optionally substituted with halogen, CN, NO<sub>2</sub>, OMe, OEt, C1-4-alkoxycarbonyl); X = CHRa, NRb, O or S; Ra = H, halogen, C1-6-alkyl, C1-6-alkoxy, CN, C1-6-alkoxycarbonyl; Rb = H, C1-6-alkyl, C3-6-cycloalkyl; T = CHRa;; Y = CHRa, NRb; Z = O, S or a group N(Rc); Rc = H, C1-6-alkyl, C1-6-alkoxy]. The invention also relates to methods for producing these compds., to pesticidal agents containing the same and to the use thereof as pesticides. Thus, 5-phenylpyrimidine I [Ln = F3-2,4,6, R1 = CHMeCF<sub>2</sub>-(S), R2 = H, R3 = Cl, D = E = X = CH<sub>2</sub>, Z = O] was prepared from 2-(methanesulfonyl)pyrimidine II via amination with 2-pyrrolidinone in THF/hexane containing LDA.

IT 870249-82-4P

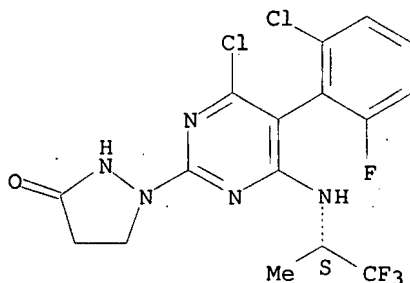
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2-substituted pyrimidines for use as pesticides)

RN 870249-82-4 HCAPLUS

CN 3-Pyrazolidinone, 1-[4-chloro-5-(2-chloro-6-fluorophenyl)-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-2-pyrimidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



# RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Basf Aktiengesellschaft	2002			WO----02074753 A	HCAPLUS
Basf Aktiengesellschaft	2004			WO--2004103978 A	HCAPLUS

L19 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:300260 HCAPLUS

DN 142:373857

TI Preparation of 5-arylpyrimidines as anticancer agents

IN Zhang, Nan; Ayral-Kaloustian, Semiramis; Nguyen, Thai Hiep

PA Wyeth Holdings Corporation, USA

SO PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DT Patent

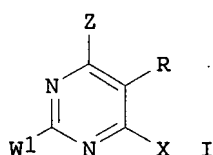
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO2005030216	A1	20050407	2004WO-US30682	20040917
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,				

SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
SN, TD, TG

AU2004275733	A1	20050407	2004AU-0275733	20040917
CA---2539235	A1	20050407	2004CA-2539235	20040917
EP---1663241	A1	20060607	2004EP-0784529	20040917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR2004014736	A	20061121	2004BR-0014736	20040917
CN---1871009	A	20061129	CN 2004-80031581	20040917
JP2007506746	T	20070322	2006JP-0528086	20040917
US2005075357	A1	20050407	2004US-0950375	20040924
NO2006001319	A	20060420	2006NO-0001319	20060323
PRAI 2003US-505487P	P	20030924		
2004WO-US30682	W	20040917		
OS CASREACT 142:373857; MARPAT 142:373857				
GI				



AB This invention relates to certain 5-arylpyrimidine compds. I [Z = NHCHR<sub>1</sub>R<sub>5</sub>, cycloalkyl; R = substituted Ph; X = Cl, Br; W<sub>1</sub> = NHR<sub>6</sub>, N(CN)R<sub>6</sub>, aryl; R<sub>1</sub> = H, alkyl; R<sub>5</sub> = CF<sub>3</sub>, C<sub>2</sub>F<sub>5</sub>; R<sub>6</sub> = alkyl] or a pharmaceutically acceptable salt thereof, and compns. containing said compds. or a pharmaceutically acceptable salt thereof, wherein said compds. are anti-cancer agents useful for the treatment of cancer in mammals (biol. data given). Over thirty examples describe the synthesis of compds. I. E.g., a multi-step synthesis of I [Z = NHCH<sub>2</sub>CF<sub>3</sub>; R = 2,4,6-F<sub>3</sub>C<sub>6</sub>H<sub>2</sub>; X = Cl; W<sub>1</sub> = N(CN)Me], starting from 5,7-dichloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and 2,2,2-trifluoroethylamine, was given. This invention further relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal and further provides a method for the treatment or prevention of cancerous tumors that express multiple drug resistance (MDR) or are resistant because of MDR, in a mammal in need thereof which method comprises administering to said mammal an effective amount of the compds. I or a pharmaceutically acceptable salt thereof. More specifically, the present invention relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by promotion of microtubule polymerization which comprises administering to said mammal an effective amount of the compds. I and pharmaceutically acceptable salts thereof.

IT 461677-98-5P

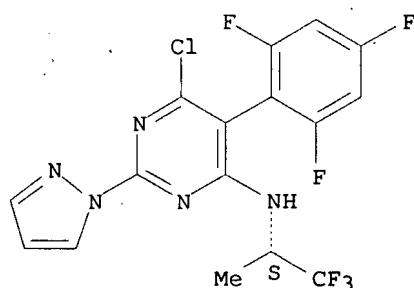
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 5-arylpyrimidines as anticancer agents)

RN 461677-98-5 HCAPLUS

CN 4-Pyrimidinamine, 6-chloro-2-(1H-pyrazol-1-yl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



## RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Basf Aktiengesellschaft	2001			WO-----0196314 A1	HCAPLUS
Basf Aktiengesellschaft	2002			WO-----02074753 A	HCAPLUS

L19 ANSWER 5 OF 5. HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:736239 HCAPLUS

DN 137:263046

TI Preparation of 4-amino-2-diazinyl-5-phenylpyrimidines as agricultural fungicides

IN Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Rose, Ingo;  
 Schaefer, Peter; Schieweck, Frank; Sauter, Hubert; Gewehr, Markus;  
 Mueller, Bernd; Tormo i Blasco, Jordi; Ammermann, Eberhard; Strathmann,  
 Siegfried; Lorenz, Gisela; Stierl, Reinhard

PA Basf Aktiengesellschaft, Germany

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

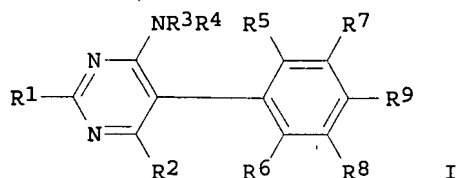
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO2002074753	A2	20020926	2002WO-EP02739	20020313
	WO2002074753	A3	20021227		
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	AU2002302420	A1	20021003	2002AU-0302420	20020313
	EP---1373222	A2	20040102	2002EP-0729999	20020313
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	EE-200300448	A	20040216	2003EE-0000448	20020313
	BR2002007975	A	20040615	2002BR-0007975	20020313
	JP2004525133	T	20040819	2002JP-0573762	20020313
	HU-200400210	A2	20040830	2004HU-0000210	20020313
	CN---1525960	A	20040901	2002CN-0806579	20020313
	NZ---528409	A	20051125	2002NZ-0528409	20020313
	US2004116429	A1	20040617	2003US-0471532	20030911
	US---7153860	B2	20061226		
	BG---108174	A	20040930	2003BG-0108174	20030912
	IN2003CN01618	A	20051125	2003IN-CN01618	20031013
	ZA2003007981	A	20041014	2003ZA-0007981	20031014
	US2007088026	A1	20070419	2006US-0548864	20061012



PRAI 2001DE-1012915 A 20010315  
 2001DE-1016432 A 20010402  
 2002WO-EP02739 W 20020313  
 2003US-0471532 A3 20030911  
 OS MARPAT 137:263046  
 GI



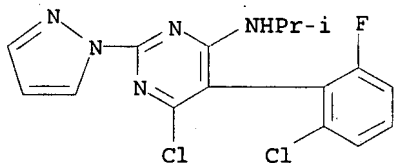
AB Title compds. [I; R1 = 5-10 membered saturated, partially unsatd. or aromatic (bi)cyclic (substituted) heterocyclyl containing 1-4 heteroatoms from the group O, N or S; R2 = H, halo, cyano, alkyl, haloalkyl, alkoxy; R3, R4 = H, alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, alkynyl, haloalkynyl, cycloalkynyl; or NR3R4 = 5-6 membered (substituted) heterocyclyl; R5, R6 = H, halo, alkyl, haloalkyl, alkoxy; R7, R8 = H, halo, alkyl, haloalkyl; R9 = H, halo, alkyl, alkoxy, cycloalkoxy, haloalkoxy, alkoxy, carbonyl], were prepared. Thus, 4,6-dichloro-5-(2,4,6-trifluorophenyl)-2-(3-pyridazinyl)pyrimidine (preparation given) in DMF was stirred with (S)-3-methyl-2-butylamine for 72 h at 50° followed by cooling at 20°-25° and addition of H2O to precipitate 100% 6-chloro-5-(2,4,6-trifluorophenyl)-4-[(S)-1,2-dimethylpropyl]amino-2-(pyridazin-3-yl)pyrimidine. Several I at 63 ppm gave 93-100% control of *Altenaria solani* on tomato.

IT 461677-93-0P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of (amino)(diazinyl)(phenyl)pyrimidines as agricultural fungicides)

RN 461677-93-0 HCAPLUS

CN 4-Pyrimidinamine, 6-chloro-5-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)-2-(1H-pyrazol-1-yl)- (9CI) (CA INDEX NAME)



=> => d bib abs fhitrstr retable 127 tot

L27 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:768723 HCAPLUS

DN 145:180954

TI Substituted 5-phenylpyrimidines for use in cancer therapy

IN Rheinheimer, Joachim; Grote, Thomas; Mueller, Bernd; Nave, Barbara; Schieweck, Frank; Schwoegler, Anja; Jabs, Thorsten; Blettner, Carsten

PA BASF Aktiengesellschaft, Germany

SO PCT Int. Appl., 60pp.

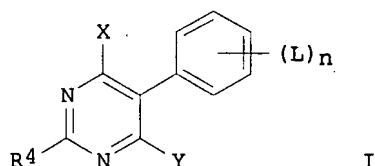
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO2006079556	A2	20060803	2006WO-EP00774	20060130
	WO2006079556	A3	20060921		
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PRAI	2005EP-0001955	A	20050131		
OS	MARPAT 145:180954				
GI					



AB The invention discloses substituted 5-phenylpyrimidines I [X = NR<sub>1</sub>R<sub>2</sub>, OR<sub>1a</sub>, SR<sub>1a</sub>, (R<sub>1</sub>, R<sub>2</sub> = H, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, etc.; R<sub>1a</sub> = R<sub>1</sub> except for hydrogen); Y = halo, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, etc.; R<sub>4</sub> = radical of 1-15 atoms different from H; L = radical of 1-10 atoms different from H; n = 0-5], or a pharmaceutically acceptable salt thereof, for use in therapy, in particular for the therapy of cancerous diseases.

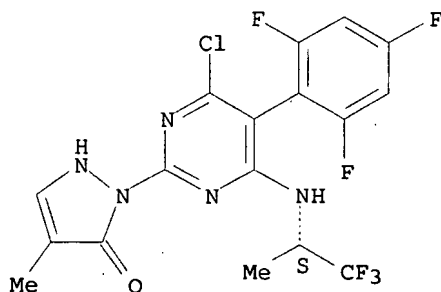
IT 903548-81-2

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(phenylpyrimidine derivs. for cancer therapy)

RN 903548-81-2 HCAPLUS

CN 3H-Pyrazol-3-one, 2-[4-chloro-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-5-(2,4,6-trifluorophenyl)-2-pyrimidinyl]-1,2-dihydro-4-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L27 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:1037080 HCAPLUS  
 DN 142:23302

TI Preparation of oxopyrazolylpyrimidines as agrochemical and industrial fungicides.  
 IN Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Strathmann, Siegfried; Schoefl, Ulrich; Scherer, Maria; Stierl, Reinhard  
 PA BASF Aktiengesellschaft, Germany  
 SO PCT Int. Appl., 66 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO2004103978	A1	20041202	2004WO-EP04957	20040510
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU2004240717	A1	20041202	2004AU-0240717	20040510
	CA---2525762	A1	20041202	2004CA-2525762	20040510
	EP---1633728	A1	20060315	2004EP-0731893	20040510
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	BR2004010482	A	20060613	2004BR-0010482	20040510
	CN---1791583	A	20060621	CN 2004-80013983	20040510
	JP2007502846	T	20070215	2006JP-0529768	20040510
	US2007054929	A1	20070308	2005US-0555894	20051107
	IN2005CN03444	A	20070406	2005IN-CN03444	20051219
PRAI	2003DE-1023026	A	20030520		
	2004WO-EP04957	W	20040510		
OS	MARPAT 142:23302				
GI					

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

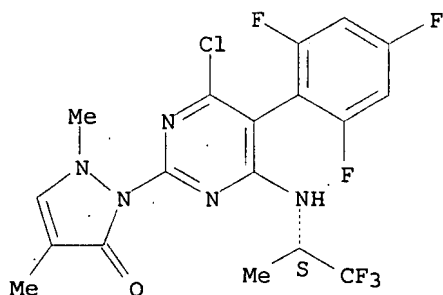
AB Title compds. [I; n = 1-5; L = halo, cyano, cyanato, NO<sub>2</sub>, alkyl, alkenyl, alkynyl, alkoxy, etc.; R<sub>1</sub> = alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, halocycloalkyl, haloalkenyl, haloalkynyl; R<sub>2</sub> = H, R<sub>1</sub>; R<sub>1</sub>R<sub>2</sub>N = atoms to form 5-6 membered ring which may contain O, CO, S, SO, SO<sub>2</sub> groups; R<sub>3</sub> = halo, cyano, (substituted) alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy; R<sub>4</sub> = RcZCO(RaRbN)N, Q<sub>1</sub>; m = 0, 1; Ra-Rc = H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl; Z = O, NRC; Y = CHRe, CRe, NNHRC, NRC; dotted line = optional double bond; R, Re = Rc, halo, cyano; CRd = CO], were prepared as agrochem. and industrial fungicides (no data). Thus, hydrazone (II) (preparation given) was stirred overnight with NaOMe in MeOH to give 55% title compound (III).

IT 800381-76-4P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (Preparation of oxopyrazolylpyrimidines as agrochem. and industrial fungicides.)

RN 800381-76-4 HCAPLUS  
 CN 3H-Pyrazol-3-one, 2-[4-chloro-6-[[[(1S)-2,2,2-trifluoro-1-

methylethylamino]-5-(2,4,6-trifluorophenyl)-2-pyrimidinyl]-1,2-dihydro-1,4-dimethyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



# RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Bayer Ag	1985			DE-----3419127 A	HCAPLUS
Grammenos, W	2003			WO----03043993 A	HCAPLUS
Rheinheimer, J	2002			WO----02074753 A	HCAPLUS

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FILE 'HCAPLUS' ENTERED AT 12:58:14 ON 13 JUN 2007

L1 1 US20070054929/PN OR (US2005-555894 OR DE2003-10323026 OR WO2004

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L11 STR L9

L12 20 L11

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L15 170 L11 FULL SUB=L13

L16 8 L15 AND L3

SAV TEM L15 J894C1/A

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SEL HIT RN 5

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L2	83	(tormo blasco blettner meller mueller gewehr grammenos grote gypser thenheimer schaefer schaefer schiewick schwogler wager strathmann schofl stierl).in. and pyrimidine\$.ti. and (pyrazole\$ or triazol\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 16:12